

9006  
Thor

*"The Stamp With a Blue Head"*

## Steel Letters and Figures



*Identify your Product*

*The* PITTSBURGH STAMP CO.

811-817 CANAL STREET  
PITTSBURGH, PA.



**Thor**

*"The Stamp With a Blue Head"*

## Engraving is Deep

**A**ND sharp and each character wall is carefully beveled to stand up under hard service. The faces of Thor Letters and Figures are so designed that practically all the sharp corners which often cause breakage are eliminated.

Note, too, that all characters are identical; that is, twenty 2's or twenty A's of the same size are all exactly alike, any stamp fitting into the impression of any other stamp of the same size and character.

Thor stamps possess two desirable characteristics, Quality and Uniformity.

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## Stamps are "Pretty"

**N**OT only good but look good. Proper heat treating and semi-polish finish certainly show up. Thor stamps are heat treated "right." Each stamp is individually hardened all over to an exact predetermined point—then drawn in oil—then semi-polished—and finally, the head of each stamp is individually "drawn down" to a predetermined uniform blue.

This makes an extremely hard face and a semi-hard, tough head, both of which a good steel stamp must have.

Thor stamps stand up at both ends.

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## Stamps are "Twins"

THE head of every Thor stamp is individually "turned" down" in a lathe to give a uniform sized-centrally located striking point. Every set of Thor stamps are all exactly the same correct length to "fit the fist." Every set of Thor stamps are all exactly the same husky size of stock. In short, Thor stamps are "twins."

The Thor stamp bought today and bought a year from now are as like as two peas in a pod—one as good as its brother.

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## THE PITTSBURGH STAMP COMPANY

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# Thor

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## Stamps are "Thumbed"

**W**ITH Thor Stamps no time is wasted checking the size of character and reading the character itself which reads backward on the stamp.

The stamp is marked with the character and with the size of character—and marked on the "Thumb" side.

You do not need to look at the face of the stamp to locate the bottom of the character—the marking is on the "Thumb" side. Just put your Thumb on the marking and the bottom of the character is right.

The Thor Trade Mark is there too—for we want you to know who made "*those blue-like stamps.*"

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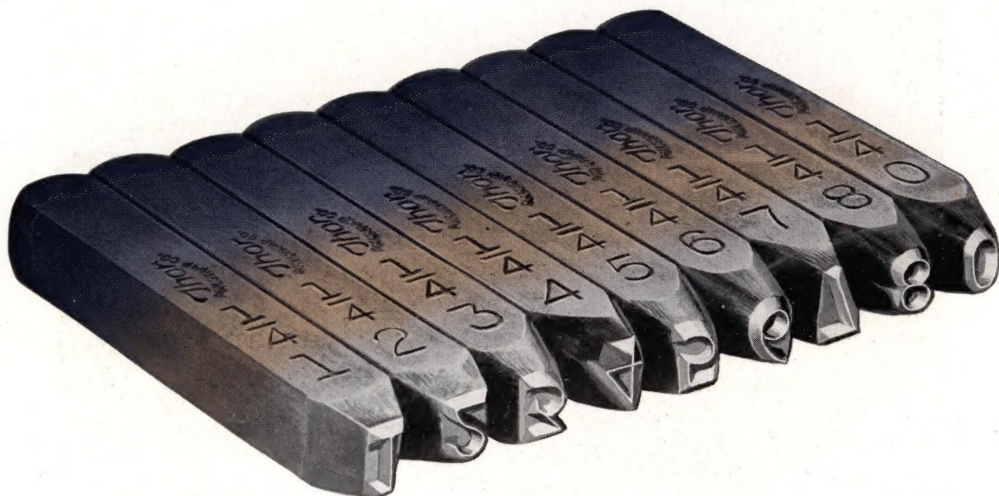
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## Stamps Can "Take It"

THE steel you put into stamps has a thundering lot to do with the number of marks you get out of them. Ordinary high carbon tool steel makes a pretty good stamp—(pretty good—but not Thor Stamps). The steel used for Thor stamps (well, don't let's be technical) it has much higher carbon than ordinary, quite a slather of vanadium, quite a few more alloys—and costs about twice as much as most of the steel used for stamps.

But class does tell—Thor stamps can "take it" and go on "taking it" in competitive tests while all around heads shatter and spread and stamp faces keel over and call it a day.

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**Means**

1. Hand engraving.
2. Individually Heat Treated.
3. Special Vanadium Alloy Tool Steel.
4. Marked on "Thumb" Side.
5. Uniform Characters. Uniform Size. Uniform Length.
6. Every Thor Stamp guaranteed to give service that you will consider thoroughly satisfactory; or replaced without question.

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## *How to Use* STEEL LETTERS and FIGURES



**T**HE use of a steel marking stamp is in many ways comparable to the use of a chisel. A good workman knows that the service he receives from a chisel depends on how he uses it. He wouldn't try to chip hardened steel with it, nor attempt to chip in deeper than is practical, nor chip in with one corner of the chisel only.

A steel marking stamp must be tougher and harder than a chisel, for you can't sharpen a steel marking stamp as you can a chisel, at small cost.

The face of the letters on a good steel marking stamp must be very tough and very hard, but the shank must be extremely tough with but little hardness.

Tempering a steel marking stamp just right is quite a trick. For the shank must be receptive to impact, must transmit the blow without rebound to the marking face of the stamp, which in turn must be tough and hard enough to sink the marking.

Like a chisel, the service given by a steel marking stamp depends on how it is used.

In using a steel marking stamp there are four things to remember:

1. *It must be held straight up and down and leveled on the material to be marked.*
2. *The blow must be a direct vertical blow, not a glancing one, or off center.*
3. *Thin material should be marked on a supporting anvil.*
4. *The letters should be stamped just deep enough for a good clean mark ( $\frac{1}{64}$ " on cold work) ( $\frac{1}{32}$ " on hot work).*



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STOCK SIZES and PRICES

**Thor**

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LETTERS and FIGURES

Size of Character	Size of Square	Steel Length	Price Single Stamp	Price Figure Sets 9 Pieces	Price Alphabet Sets 27 Pieces
$\frac{3}{32}$ "	$\frac{5}{16}$ "	$2\frac{3}{4}$ "	\$ .40	\$ 3.50	\$10.50
$\frac{1}{10}$ "	$\frac{5}{16}$ "	$2\frac{3}{4}$ "	.40	3.50	10.50
$\frac{1}{8}$ "	$\frac{5}{16}$ "	$2\frac{3}{4}$ "	.40	3.50	10.50
$\frac{5}{32}$ "	$\frac{3}{8}$ "	$2\frac{7}{8}$ "	.50	4.00	12.00
$\frac{3}{16}$ "	$\frac{3}{8}$ "	$2\frac{7}{8}$ "	.55	4.50	13.50
$\frac{7}{32}$ "	$\frac{3}{8}$ "	$2\frac{7}{8}$ "	.65	5.00	15.00
$\frac{1}{4}$ "	$\frac{7}{16}$ "	$3\frac{1}{8}$ "	.70	5.50	16.50
$\frac{5}{16}$ "	$\frac{1}{2}$ "	$3\frac{1}{8}$ "	.80	6.50	19.50
$\frac{3}{8}$ "	$\frac{9}{16}$ "	$3\frac{1}{8}$ "	.90	8.00	24.00
$\frac{7}{16}$ "	$\frac{9}{16}$ "	$3\frac{1}{8}$ "	1.10	9.00	27.00
$\frac{1}{2}$ "	$\frac{11}{16}$ "	4"	1.30	11.00	33.00
$\frac{5}{8}$ "	$\frac{7}{8}$ "	$4\frac{1}{4}$ "	1.70	15.00	45.00
$\frac{3}{4}$ "	1"	$4\frac{1}{2}$ "	2.30	19.50	58.50
$\frac{7}{8}$ "	$1\frac{1}{8}$ "	$4\frac{3}{4}$ "	2.80	25.00	75.00
1"	$1\frac{1}{4}$ "	5"	3.60	31.50	94.50

When any of the above size figures or letters are wanted on a larger size steel than shown above they should be charged for at the list price for the regular character on that size steel; for example:

For  $\frac{1}{4}$ " character on  $\frac{1}{2}$ " square steel,  $3\frac{1}{4}$ " long, same price should be charged as for the  $\frac{5}{16}$ " character on  $\frac{1}{2}$ " square steel,  $3\frac{1}{4}$ " long.

Where size of letter or figure not listed, is wanted, next higher list price should be used.

*Reverse Letters or Figures, 50% extra.*

*Flat Face Letters or Figures, 50% extra.*

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## How To Know A Good Steel Stamp



**F**IRST: How does it look? Of course real service is the test, but one look tells a Cadillac from a Ford. Look at the engraved face. Is it clean and sharp on the cutting edge—then beveled away from the cutting edge evenly and gradually to give uniform strength?

Is the body of the stamp itself chamfered or well sloped away from the character? It should be. Is there a large flat centered striking point on the head? There should be. Is the shank square, straight and sufficiently large that the stamp appears to have plenty of steel behind the character?

*Now as to the heat treating or hardening.* Is the stamp the same color all over? If it is, it may or may not be a good stamp, but it certainly was not properly heat treated. It should be light colored on the part of the shank next the marking face fading away about the center of the shank to a deep blue for the head. This is one of the easiest ways to check up on a stamp and one of the best.

Does the manufacturer mark the stamp with his trade mark? If he does not, it is just another bald-headed barber selling hair tonic. Furthermore, does he mark the stamp so that it is easy to use? In other words, mark the stamps with the character and size of character—and mark them on the bottom of the character or “thumb side” of the stamps.

If he does not, it costs your men unnecessary time in selecting stamps and locating the bottom of the character. And finally are they orphans—or children whose parents still recognize them? In other words are they guaranteed to give service that will satisfy the user and replaced without question if they do not? *And if not, why not?*



*Why to Use*

**Thor**

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## STEEL LETTERS and FIGURES



Four things determine the service you receive from a steel marking stamp:

1. *The steel used.*
  2. *The engraving.*
  3. *The tempering.*
  4. *The way you use it.*
1. **THOR** marking stamps are made of the best grade Special Vanadium Alloy high carbon tool steel.
  2. **THOR** marking stamps are engraved by hand—engraved by men with long and thorough experience. These engravers have learned by experience the correct bevel to engrave your stamp to give you the most marks on the material you will stamp.
  3. Tempering a steel marking stamp—**RIGHT**—for the work it is to do demands—knowledge of the steel—knowledge of the work the stamp is to do—and experience—experience—experience. Granted modern tempering equipment it is up to “the man at the fire.” We have the knowledge—the equipment—plus the men.
  4. Page 8 of this booklet gives four rules for correctly using steel marking stamps. If followed they will cut down your marking costs.

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Every  
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is guaranteed to give  
**Service**  
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